

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P565914

Luminaire Tested: **2SNX-SL3-SLW-UNV-CC83-CD-5000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-SLW-UNV-CC83-CD-5000K-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, MED LUMEN SETTING, AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

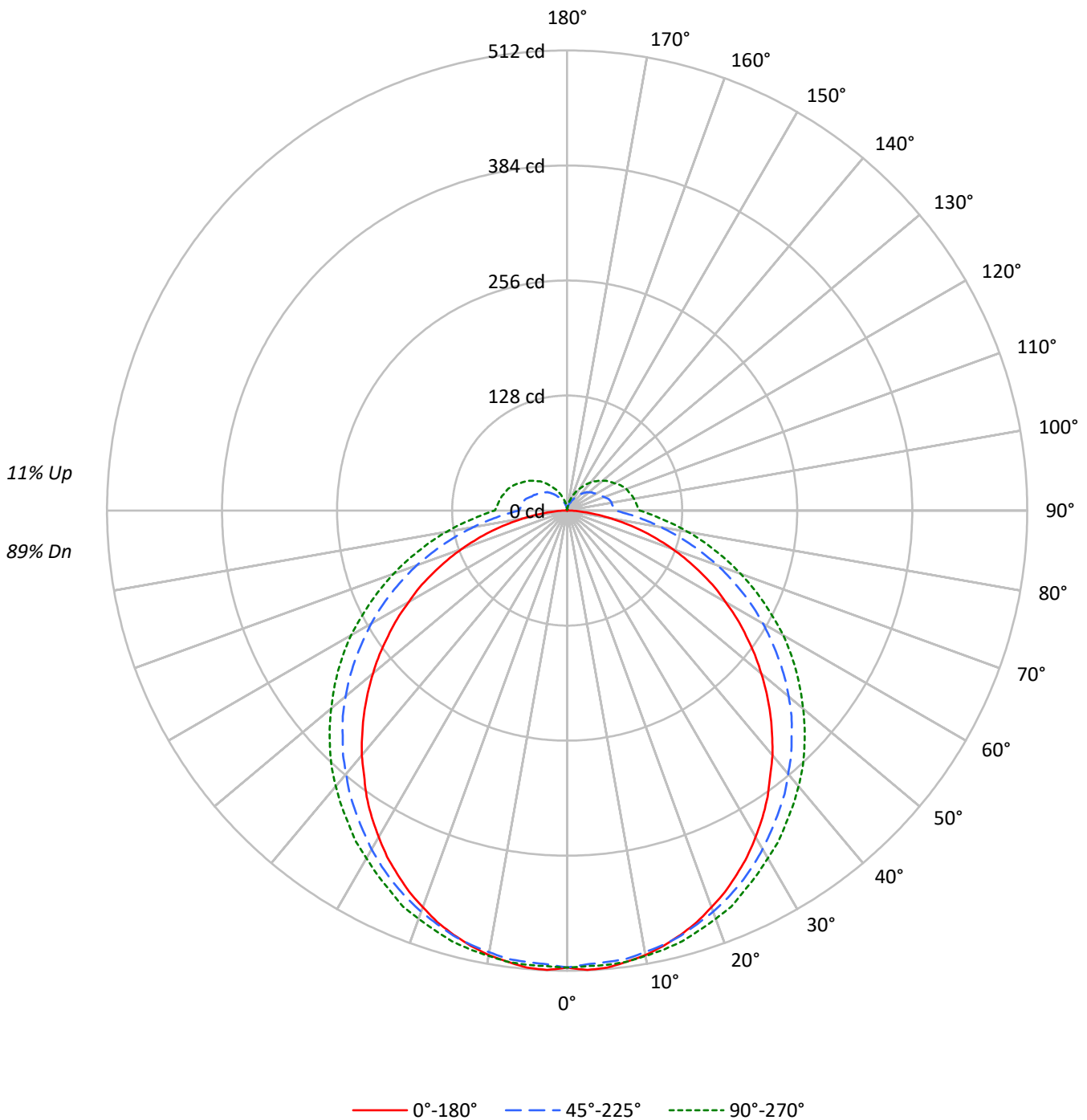
Lumens per Lamp: N/A
Luminaire Lumens: 1809.9 lumens
Efficiency: N/A
Efficacy: 137.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 13.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	77	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10945	10945	10945
5°	10992	10650	10655
10°	10896	10423	10392
15°	10768	10191	10149
20°	10598	9926	9878
25°	10407	9667	9595
30°	10179	9385	9316
35°	9932	9091	9054
40°	9652	8802	8803
45°	9345	8509	8530
50°	8999	8197	8226
55°	8617	7827	7926
60°	8170	7433	7594
65°	7699	6989	7174
70°	7046	6500	6764
75°	6194	5885	6308
80°	4837	5256	5861
85°	3166	4702	5399



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	2.7
10°-20°	138.8	7.7
20°-30°	211.1	11.7
30°-40°	256.2	14.2
40°-50°	270.7	15.0
50°-60°	253.3	14.0
60°-70°	207.9	11.5
70°-80°	143.0	7.9
80°-90°	78.3	4.3
90°-100°	50.4	2.8
100°-110°	45.2	2.5
110°-120°	37.4	2.1
120°-130°	28.8	1.6
130°-140°	20.3	1.1
140°-150°	12.2	0.7
150°-160°	5.8	0.3
160°-170°	1.9	0.1
170°-180°	0.2	0.0
0°-30°	398.2	22.0
0°-40°	654.4	36.2
0°-60°	1178.4	65.1
0°-90°	1607.6	88.8
90°-120°	133.1	7.4
90°-150°	194.4	10.7
90°-180°	202.0	11.2
0°-180°	1809.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	508	508	508	508	508	
5°	510	510	504	508	507	48
15°	488	491	490	496	496	138
25°	447	452	457	466	466	206
35°	389	398	410	421	425	243
45°	320	334	353	369	373	246
55°	243	263	287	305	311	218
65°	165	187	215	235	241	163
75°	86	109	140	162	170	90
85°	19	45	76	98	105	22
90°	0	25	54	73	81	1
95°	0	24	51	70	78	0
105°	0	20	48	66	72	1
115°	1	18	41	59	66	1
125°	1	15	35	50	57	1
135°	1	12	28	41	46	1
145°	1	8	20	31	35	1
155°	1	5	13	20	23	0
165°	1	3	6	9	12	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	508.4	508.4	508.4	508.4	508.4
2.5°	511.6	510.5	505.3	509.5	507.4
5°	510.5	509.5	504.2	508.4	507.4
7.5°	506.3	506.3	503.2	507.4	506.3
10°	502.1	502.1	499.0	504.2	503.2
12.5°	495.9	496.9	494.8	501.1	500.0
15°	488.5	490.6	489.6	495.9	495.9
17.5°	480.1	482.2	482.2	489.6	489.6
20°	469.6	472.8	474.9	483.3	483.3
22.5°	459.2	463.4	466.5	473.8	477.0
25°	446.6	451.8	457.1	466.5	466.5
27.5°	434.0	440.3	446.6	456.0	457.1
30°	419.3	426.7	435.1	444.5	446.6
32.5°	404.6	414.1	422.5	434.0	437.1
35°	388.9	398.4	409.9	421.4	424.6
37.5°	371.1	382.6	397.3	409.9	413.0
40°	355.4	368.0	382.6	397.3	400.5
42.5°	337.6	351.2	369.0	382.6	387.9
45°	319.7	334.4	353.3	369.0	373.2
47.5°	300.9	317.6	338.6	353.3	358.5
50°	282.0	299.8	321.8	338.6	342.8
52.5°	263.1	282.0	305.1	321.8	327.1
55°	243.2	263.1	287.2	305.1	311.3
57.5°	224.3	244.3	269.4	288.3	294.6
60°	203.4	226.4	251.6	270.5	277.8
62.5°	185.6	206.5	233.8	252.6	258.9
65°	164.6	186.6	214.9	234.8	241.1
67.5°	144.7	167.7	196.0	217.0	223.3
70°	124.7	147.8	178.2	198.1	205.5
72.5°	104.8	128.9	158.3	180.3	187.6
75°	86.0	109.0	140.5	162.5	169.8
77.5°	66.0	91.2	122.7	144.7	153.1
80°	48.2	74.4	105.9	127.9	136.3
82.5°	32.5	58.7	90.2	112.2	120.6
85°	18.9	45.1	76.5	97.5	104.8
87.5°	9.4	34.6	63.9	84.9	92.3
90°	0.0	25.2	53.5	73.4	80.7
92.5°	0.0	24.1	52.4	71.3	78.6
95°	0.0	24.1	51.4	70.2	77.6
97.5°	0.0	23.1	50.3	70.2	76.5
100°	0.0	22.0	50.3	69.2	75.5
102.5°	0.0	21.0	49.3	68.1	74.4
105°	0.0	19.9	48.2	66.0	72.3
107.5°	1.0	19.9	46.1	65.0	71.3
110°	1.0	18.9	44.0	63.9	70.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.0	17.8	41.9	61.9	68.1
115°	1.0	17.8	40.9	58.7	66.0
117.5°	1.0	16.8	38.8	56.6	63.9
120°	1.0	16.8	37.7	54.5	60.8
122.5°	1.0	15.7	35.6	52.4	58.7
125°	1.0	14.7	34.6	50.3	56.6
127.5°	1.0	13.6	33.5	48.2	54.5
130°	1.0	12.6	31.4	46.1	51.4
132.5°	1.0	12.6	30.4	43.0	49.3
135°	1.0	11.5	28.3	40.9	46.1
137.5°	1.0	10.5	26.2	38.8	44.0
140°	1.0	9.4	24.1	36.7	40.9
142.5°	1.0	9.4	22.0	33.5	37.7
145°	1.0	8.4	19.9	31.4	34.6
147.5°	1.0	7.3	17.8	28.3	31.4
150°	1.0	7.3	15.7	25.2	28.3
152.5°	1.0	6.3	13.6	23.1	26.2
155°	1.0	5.2	12.6	19.9	23.1
157.5°	1.0	5.2	10.5	16.8	19.9
160°	1.0	4.2	9.4	13.6	16.8
162.5°	1.0	4.2	8.4	11.5	14.7
165°	1.0	3.1	6.3	9.4	11.5
167.5°	1.0	3.1	5.2	7.3	9.4
170°	1.0	2.1	4.2	5.2	7.3
172.5°	1.0	2.1	3.1	3.1	3.1
175°	1.0	1.0	2.1	2.1	1.0
177.5°	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0

(END OF REPORT)